



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

APC 1-M.V.O. 7,8
ATP = 00 (OUTAGE NOTICE)
03/11/17

November 17, 2003

Dr. Roger C. Westman
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 191003-2029
ATTN: James W. Hagedorn

Assistant Council
Department of Environmental Protection
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
ATTN: Steve Hepler

Department of Justice
Environmental and Natural Resource Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 03-0128
ACHD Reference Number: 4761
#1, 7, 13, B Battery Igniter Flares
USS Clairton Works

Gentlemen:

The attached form revises our report of the outage. Any questions concerning this matter should be referred to Coleen M. Davis at 233-1015.

Sincerely,

Anton Lukac
Plant Manager
Clairton Works

NOTICE OF BREAKDOWN OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 03-0128
ACHD Reference Number: 4761
2. Date & Time of Breakdown: Date: 11/13/03 Time: 0157 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: #1, 7, 13, B Battery Igniter Flares
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: A power failure caused two axi compressors to trip off line, causing a coke oven gas suction pressure drop and coke oven gas flaring on #1, 7, 13, B Batteries.

Date	Start Battery	End Time	Duration Time	Flared Min. Sec.	Yes	No
11/13/03	1	01:58	02:05	07 00	Yes	
11/13/03	7	01:57	02:03	06 00	Yes	
11/13/03	13	01:58	01:58	00 30	Yes	
11/13/03	13	02:00	02:00	00 27	Yes	
11/13/03	B	01:58	02:05	07 00	Yes	

8. Identification of Emissions:

- A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Released products of combustion of Coke Oven Gas.
- B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). Eye, Nose and Throat Irritant.
- C. Amount of each type emitted (or likely to be emitted).

Chemical	Quantity Released (lbs)
CO	1.3
NO _x	<0.5
SO ₂	6.8
VOC	<0.2

9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).
Coke production operations were suspended and vacuum axis were brought on line.
10. Facility back in operation - Date: 11/13/03 Time: 0245 hours

Signature Coleen M. Davis Date 11/19/03
Coleen M. Davis

Senior Environmental Control Engineer Phone: 233-1015